

# NHDOT SPR2 PROGRAM

## RESEARCH PROGRESS REPORT

<b>Project #</b> Statewide-SPR 26962Q		<b>Report Period</b> Year 2018 <input checked="" type="checkbox"/> Q1 (Jan-Mar) <input type="checkbox"/> Q2 (Apr-Jun) <input type="checkbox"/> Q3 (Jul-Sep) <input type="checkbox"/> Q4 (Oct-Dec)	
<b>Project Title:</b> Iron Oxide Deposits on Highway Construction Projects			
<b>Project Investigator:</b> In transition, temporary contact: Joe Ayotte supervisor <b>Phone:</b> 603 226 7810 <b>E-mail:</b> jayotte@usgs.gov			
<b>Project Start Date:</b> September 21, 2016	<b>Project End Date:</b> March 31, 2019	<b>Project schedule status:</b> <input checked="" type="checkbox"/> On schedule <input type="checkbox"/> Ahead of schedule <input type="checkbox"/> Behind schedule	

**Brief Project Description:**

*Rock fill material placed in contact with wet areas adjacent to roadways has been associated with the mobilization of high concentrations of iron and iron fouling in surface water. Collection of new data to characterize iron fouling, as well as statistical and geochemical modeling can improve our understanding of iron fouling potential.*

**Progress this Quarter (include meetings, installations, equipment purchases, significant progress, etc.):**

*None to report*

**Items needed from NHDOT (i.e., Concurrence, Sub-contract, Assignments, Samples, Testing, etc.):**

*None requested*

**Anticipated research next three(3) months:**

*Joe Ayotte plans to meet with a new project staff on 4/4 to go over tasks.*

**Circumstances affecting project:**

*None to report*

Tasks (from Work Plan) <i>work plan element from proposal</i>	Planned % Complete	Actual % Complete
Project planning	100	100
Data collection	66	60
Database construction	60	60
Modeling	25	30
Data analysis	0	30
Internal reviews	33	33
Data and model archive	0	0
Report	0	5